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PEP - Polypeptide Analysis System Version 5.4
Begin recording for user sdavid at 5-May-04 6:28am
                                                                                          IntelliGenetics
```

PEP: hydropathicity

Hydropathicity: which set of hydropathicity values? ("H" = Hopp and Woods, "K" = Kyte and Doolittle): h
The window values from "hopp.win" have been loaded.

The window values in this file were originally obtained from Hopp, T.P., and Woods, K.R. "Prediction of protein antigenic determinants from anino acid sequences". Proc. Natl. Acad. Sci. USA 78: 3824*3828, 1981.

There are no peptides currently loaded into pep.

```
Name
                                            of file to load (<CR>=cheu.pep):
 ۵. ۲
   PEP1
PEP2
PEP3
; Entered [sdavid 4-May-04 16:48]
; Entered [sdavid 4-May-04 16:49]
; Entered [sdavid 4-May-04 16:50]
```

Continuing...

Name or number of the peptides to be analyzed (<CR> when done).

Peptide: Peptide: Peptide: Peptide:

Do you wish to save the calculated results to a file? (<CR>=No) yes File to store values in (<CR>=new.val): hopp.val PEP1

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Arithmetic Averaging:

Windowing average at residue i is calculated across 6 residues.

Maximum value: -.557143 at residue no.

Minimum value: -1.31111 at residue no.

PEP2 3.500 3.000 .000 <0 L 0 A .000 .000 -1.800 .200 Ļ 12 対対 13 円 口 -1.000 -.500 -1.300 3.000 -3.400 XOZHU 3.000 -1.800 .200 .300 3.000 .000 .000 -.400

Arithmetic Averaging:

Windowing average at residue i is calculated across 6 residues.

Maximum value: .571429 at residue no. 10

Minimum value: -.15 at residue no. 4

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	2. 单元 中央 	Heteseseseseseseseseseseseseseses	**********	Q+*****	********	H****	**************************************	O*****	·	R***********	-	times 10^-1

"+" or "-" after a residue number indicates a charged residue.

PEP3

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	-2.300	400	.000	.000	3.000

Arithmetic Averaging:

Windowing average at residue i is calculated across 6 residues.

Maximum value: -.263636 at residue no. 7

Minimum value: -.728571 at residue no.

"+" or "-" after a residue number indicates a charged residue.

Weight Values = 1

L/Leu P/Pro A/Ala H/His G/Gly P/Pro S/Ser L/Leu S/Ser

v <u>0 v</u> 0 <u>0 v</u> 0 0 0 1

IntelliGenetics

PEP - Polypeptide Analysis System Version 5.4

Begin recording

for user sdavid at

5-May-04 6:33am

PEP: hydro

Hydropathicity: which set of hydropathicity values? ("H" = Hopp and Woods, "K" = Kyte and Doolittle): The window values from "kyte.win" have been loaded.

The window values in this file were originally obtained from Kyte, J., and R. F. Doolittle. "A Method for Displaying the Hydropathic Character of a Protein." J. Mol. Biol. 157: 105

the 105-132,

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after a residue number indicates a charged residue

N C T K T P Windowing Minimum value: -.583333 Maximum value: .685714 at residue no. Windowing average at residue i is Arithmetic Averaging: + " Minimum valué: -1.68333 at residue no. Maximum value: -.5 at residue Arithmetic Averaging: 10 4 4 7 8 7 8 1 9 1 9 1 1.800 2.800 -3.900 -1.600 -3.500 1.800 2.800 -3.900 -1.600 Or "-" -6 -5 -4 -3 -2 -1 0 1 2 average at residue i is calculated after ********** 40500 < 10 L 0 M ******** -3.500 -.400 3.800 -3.500 4.200 -3.500 -.400 3.800 -3.500 4.200 മ residue 4 at residue no. 4 L -3 -2 -1 0 1 2 -!---!---!---!---!---2 2 3 E C ERKEO ******* number indicates 2.500 1.900 -4.500 2.500 -3.200 1.900 -4.500 по. calculated across times 0 0 times 10^-1 XOZHU XGZHO 0 C**** -3.500 -3.500 -.800 -3.500 -4.500 -3.500 -.800 Ø 10^-1 across charged N σ K H O 4 B σ KH04 M -3.500 .000 .000 -.700 -1.300 w N υı υı 9---σ

File "kyte val" already PEP1

exists.

(R)eplace, (A)ppend,

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(N) ew filename?

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40100

-3.500 -.400 3.800 -3.500 4.200

NH NH N

2.500 -3.200 1.900 -4.500

XXXHU

-3.500 -4.500 -3.500 -.800

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-3.500 .000 .000 -.700 -1.300

Windowing average at residue i is calculated

across 6

value:

2.21818

at

residue no

Arithmetic Averaging:

Do you wish to save the calculated results to a file? (<CR>=No) File to store values in (<CR>=new.val): kyte.val

Continuing...

of file to load (<CR>=cheu.pep):
1. PEP1; Entered [sdavid 4-May-04 16:48]
2. PEP2; Entered [sdavid 4-May-04 16:50]
3. PEP3; Entered [sdavid 4-May-04 16:50]

Name

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number

of the

peptides

to be

analyzed (<CR> when

ω N H

There

are no peptides currently loaded into

pep

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1 R/ATS

2 27/7ht

3 27/7ht

3 27/7ht

4 25055

5 4 1/45 - 1.5505

5 4 1/45 - 1.5005

6 7 6/67 - 1.5005

6 8 1/45 - 1.5005

7 6/67 - 1.5005

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Weight Values =